

ELECTRIC UTILITY SYSTEM WITH SUPERCONDUCTING
MAGNETIC ENERGY STORAGE
Abstract of the Disclosure

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A voltage recovery device is configured to provide real and reactive power to a utility power network at a sufficient level and for a sufficient duration to recover the voltage on the utility power network within a predetermined proportion of the nominal voltage, following a fault condition detected on the utility power network. Moreover, the voltage recovery device reduces the overall transmission losses in a utility power system.